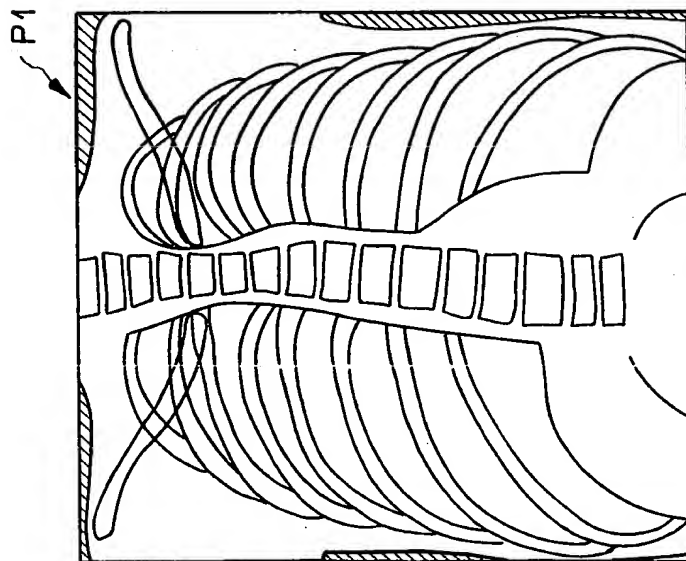
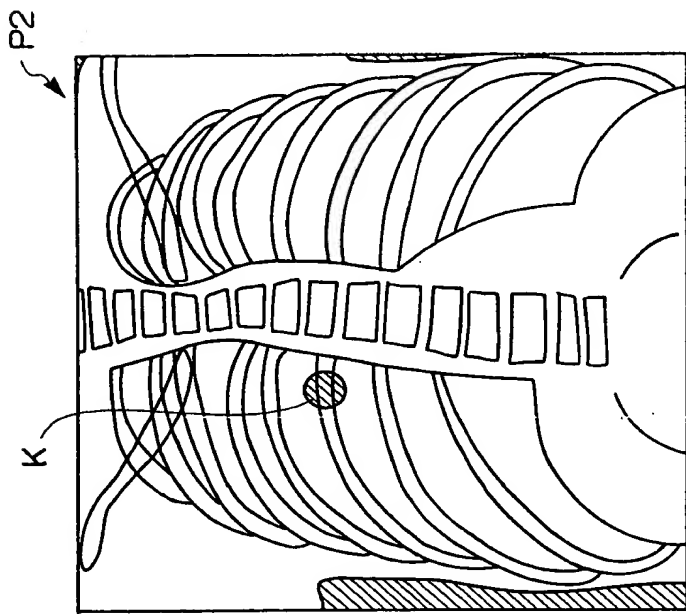


000027-16082260



F I G . 2 B

F I G . 2 A

FIRST ORIGINAL IMAGE P1

SECOND ORIGINAL IMAGE P2

GLOBAL MATCHING OPERATION

P1, P2'

DEFINE TEMPLATE ROIs
(FOR P1)
DEFINE RESEARCH ROIs
(FOR P2')

CALCULATE THE AMOUNT OF SHIFT
FOR EVERY ROI BASED ON LOCAL
MATCHING

DERIVE THE APPROXIMATE AMOUNT
OF SHIFT USING
A TWO-DIMENSIONAL TENTH-ORDER
POLYNOMIAL

NON-LINEAR WARPING TRANSFORM
OPERATION FOR THE SECOND
IMAGE P2'

P1, P2''

SUBTRACTION OPERATION

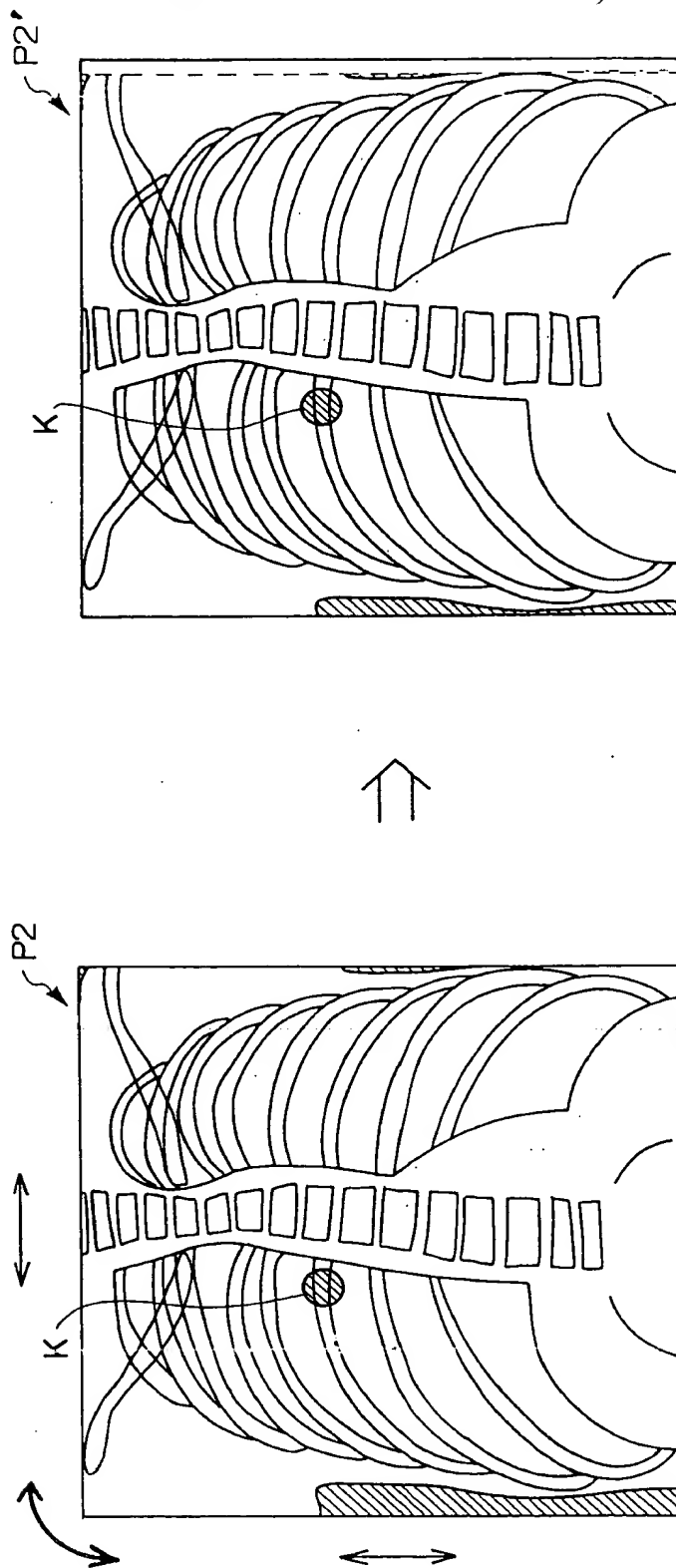
Su

FIG. 3

001027-1608260

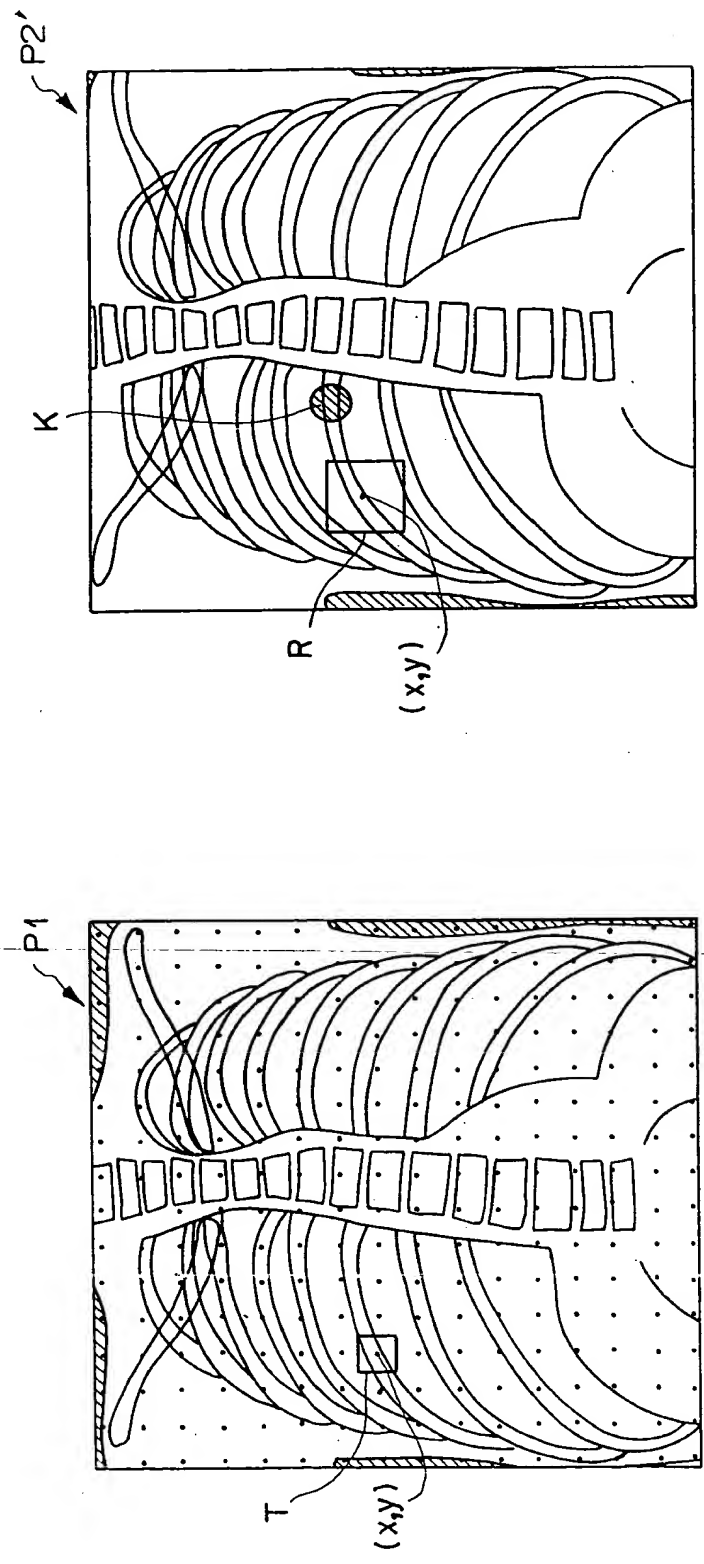
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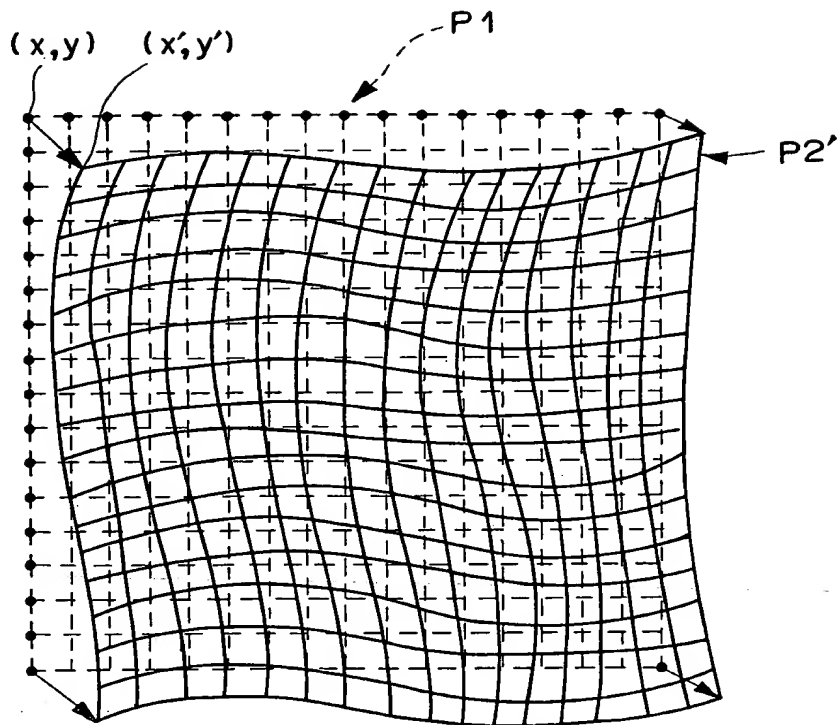
F I G . 4



20021608260

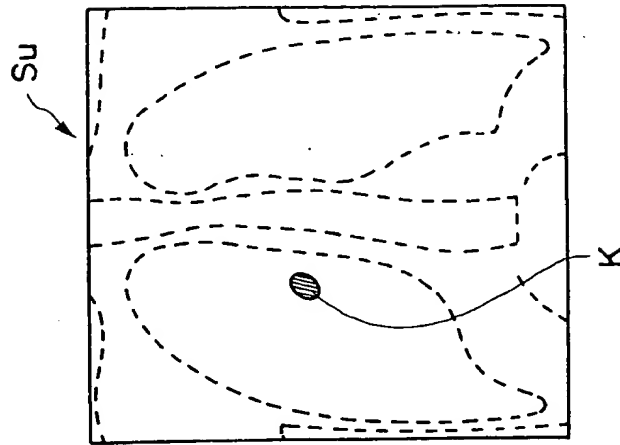
F I G. 5



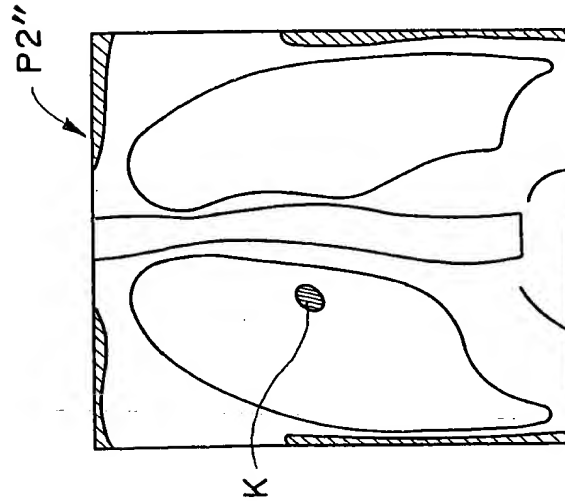


F I G . 6

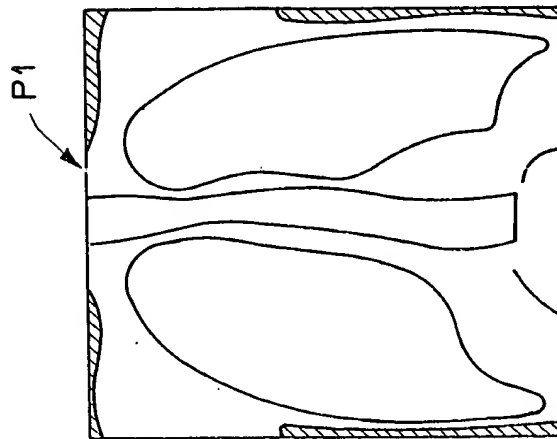
004021-16082600



F I G. 7C



F1G.7B



F I G. 7A

POLYMER LETTERS

000000000000000000

FIG. 8

